

# A Level Computer Science

## Exam Style Questions

### *Unit 1.3.3*

### *Networks*

### *Part 2: Network Protocols*

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| <b>Name</b> |  | <b>Date</b> |  |
|-------------|--|-------------|--|

| <b>Score</b> | <b>Percentage</b> | <b>Grade</b> |
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| <b>/ 8</b>   |                   |              |

## Question 1

The internet uses a set of protocols referred to as the TCP/IP stack. The TCP/IP stack consists of four different layers, each with its own set of protocols.

- i. Explain why protocols are important on a network.

[2]

- ii. State the name of the four layers of the TCP/IP stack

[4]

## Question 2

The computers in a car showroom are connected in a network with all data being held in a central server. The computers are used by the salesmen but can also be used by customers to watch videos of the cars that are on offer.

What is meant by a protocol?

[2]